

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2726755
<b>Application Number:</b>	10726118
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4785
<b>Title of Invention:</b>	APPARATUS AND METHOD FOR PERFORMING CHANNEL ESTIMATION IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM USING MULTIPLE ANTENNAS
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<b>Customer Number:</b>	66547
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<b>Filer Authorized By:</b>	Paul J. Farrell
<b>Attorney Docket Number:</b>	678-1220
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<b>Application Type:</b>	Utility under 35 USC 111(a)

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Payment was successfully received in RAM	\$ 130
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part / .zip	Pages (if appl.)
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1	Petition for review by the Office of Petitions.	Petition_for_Consideration.pdf	42679 9e9b393d4095b5a48621961b5113cc4-454b2c	no	2
<b>Warnings:</b>					
<b>Information:</b>					
2	Information Disclosure Statement Letter	Supplemental_IDS.pdf	80917 ac657a696114624c36593efb72a0743c1-33f11c44	no	3
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	JP_OA.pdf	45830 043b3d301a255ccc0894a337d2b802b-4420007c5	no	1
<b>Warnings:</b>					
<b>Information:</b>					
4	Foreign Reference	WO_0171928.pdf	2662001 e9232289469f409f7b5c5499b5334d1f7-82bc47	no	55
<b>Warnings:</b>					
<b>Information:</b>					
5	Fee Worksheet (PTO-06)	fee-info.pdf	8265 24f719a605024d99d9da2a9c3394471a-aab330c4	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			2839692		

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.